

## **WHAT IS CLAIMED IS:**

1        2        3        4        5        6        7        8        9        10        11        12        13

1. A method comprising:

2        3        4        5        6        7        8        9        10        11        12        13

obtaining a first set of information representing an artifact to a first degree of quality;

obtaining a second set of information representing the artifact to a second degree of quality different from the first degree of quality;

determining which of the first set of information and the second set of information represents the artifact to a higher degree of quality and which represents the artifact to a lesser degree of quality;

and

altering the set of information representing the artifact to a lesser degree of quality, based on the set of information representing the artifact to a higher degree of quality.

1        2        3        4        5        6        7        8        9        10        11        12        13

2. The method as in Claim 1, wherein altering includes performing a Fourier transform analysis on the first set of information and the second set of information.

1        2        3        4        5        6        7        8        9        10        11        12        13

3. The method as in Claim 2, wherein altering further includes using a phase of the set of information representing the artifact to a higher degree of quality to adjust a phase of the set of information representing the artifact to lesser degree of quality.

1        2        3        4        5        6        7        8        9        10        11        12        13

4. The method as in Claim 2, wherein altering further includes using a magnitude of the set of information representing the artifact to a higher degree of quality to adjust a magnitude of the set of information representing the artifact to lesser degree of quality.

1        2        3        4        5        6        7        8        9        10        11        12        13

## PATENT APPLICATION

5. The method as in Claim 1, wherein the first set of information and the second set of information are digital representations of analog images.
6. The method as in Claim 1, wherein the first set of information and the second set of information are obtained using a scanner.
7. The method as in Claim 1, wherein the first set of information and the second set of information are obtained using a digital camera.
8. The method as in Claim 1, wherein the first set of information and the second set of information are obtained using a digital film development system.

# PATENT APPLICATION

A digital film development system comprising:

a film processing system, said film processing system including an image capturing station capable of obtaining sets of data representing an image formed in film ; and

a data processing system, said data processing system including:

a processor;

memory operably coupled to said processor; and

a program of instructions capable of being stored in said memory and executed by said processor, said program of instructions including instructions for:

obtaining a first set of information representing an artifact to a first degree of quality,

obtaining a second set of information representing the artifact to a second degree of quality different from the first degree of quality;

determining which of the first set of information and the second set of information represents the artifact to a higher degree of quality and which represents the artifact to a lesser degree of quality; and

altering the set of information representing the artifact to a lesser degree of quality, based on the set of information representing the artifact to a higher degree of quality.

10. The digital film development system as in Claim 9, wherein said program of instructions includes instructions for performing a Fourier transform analysis on the first set of information and the second set of information.

PATENT APPLICATION

1 11. The digital film development system as in Claim 10, wherein said  
2 program of instructions includes instructions for using a phase  
3 of the set of information representing the artifact to a higher  
4 degree of quality to adjust a phase of the set of information  
5 representing the artifact to lesser degree of quality.

1 12. The digital film development system as in Claim 10, wherein said  
2 program of instructions includes instructions for using a  
3 magnitude of the set of information representing the artifact to  
4 a higher degree of quality to adjust a magnitude of the set of  
5 information representing the artifact to lesser degree of quality.

2020-07-02 10:42:20

PATENT APPLICATION

1 13. A digital image tangibly embodied in a computer readable medium,  
2 said digital image generated according to a method comprising:  
3 obtaining a first set of information representing an artifact to a  
4 first degree of quality,  
5 obtaining a second set of information representing the artifact  
6 to a second degree of quality different from the first  
7 degree of quality;  
8 determining which of the first set of information and the second  
9 set of information represents the artifact to a higher  
10 degree of quality and which represents the artifact to a  
11 lesser degree of quality; and  
12 altering the set of information representing the artifact to a  
13 lesser degree of quality, based on the set of information  
14 representing the artifact to a higher degree of quality.

1 14. The digital image as in Claim 13, wherein altering includes performing  
2 a Fourier transform analysis on the first set of information and  
3 the second set of information.

1 15. The digital image as in Claim 14, wherein altering further includes  
2 using a phase of the set of information representing the artifact  
3 to a higher degree of quality to adjust a phase of the set of  
4 information representing the artifact to lesser degree of quality.

1 16. The digital image as in Claim 14, wherein altering further includes  
2 using a magnitude of the set of information representing the  
3 artifact to a higher degree of quality to adjust a magnitude of  
4 the set of information representing the artifact to lesser degree  
5 of quality.

## PATENT APPLICATION

1 17. The digital image as in Claim 13, wherein the first set of information  
2 and the second set of information are digital representations of  
3 analog images.

1 18. The digital image as in Claim 13, wherein the first set of information  
2 and the second set of information are obtained using a scanner.

1 19. The digital image as in Claim 13, wherein the first set of information  
2 and the second set of information are obtained using a digital  
3 camera.

1 20. The digital image as in Claim 13, wherein the first set of information  
2 and the second set of information are obtained using a digital  
3 film processing system.

## PATENT APPLICATION

21. A method comprising:

illuminating an image;

recording at least one digital representation of the image;

selecting, from the at least one digital representation, a first set of information representing a portion of the image;

selecting, from the at least one digital representation, a second set of information representing the portion of the image, the second set of information being different from the first set of information;

generating, from one of the first set of information and the second set of information, a shepherd artifact representing an image artifact with a higher degree of quality;

generating, from the other of the first set of information and the second set of information, a sheep artifact representing the image artifact with a lesser degree of quality; and

altering the sheep artifact using the shepherd artifact to improve the degree of quality with which the sheep artifact represents the image artifact.

22. The method as in Claim 21, wherein altering includes performing a Fourier transform analysis on the first set of information and the second set of information.

23. The method as in Claim 22, wherein altering further includes using a phase of the set of information representing the artifact to a higher degree of quality to adjust a phase of the set of information representing the artifact to lesser degree of quality.

1 24. The method as in Claim 23, wherein altering further includes using a

## PATENT APPLICATION

magnitude of the set of information representing the artifact to a higher degree of quality to adjust a magnitude of the set of information representing the artifact to lesser degree of quality.

25. The method as in Claim 21, wherein the first set of information and the second set of information are digital representations of analog images.

26. The method as in Claim 21, wherein the first set of information and the second set of information are obtained using a scanner.

27. The method as in Claim 1, wherein the first set of information and the second set of information are obtained using a digital film development system.

092700210 = 02050